

Desktop Transition Requirements Categories		Update #4 - 11Jun07	
Category	Classification	Description	Examples
Hardware	Common	Widely available computer hardware, with possible enhancements to common hardware (such as memory, hard drive or monitor).	PC, Macintosh, Sun, USB & FireWire Hard Drives, Wireless NICs. Hardware defined in NASA Standard 2805
	Common with Unique Add-in	Widely available computer hardware, including possible enhancements to common hardware, but also including an unique or non-common hardware option.	Sun workstation with specialized video production card, Dual Monitor systems (with special graphics card)
	Unique	One-of-a-kind or specialized computer hardware.	Assistive Technology or Legacy System, Channel Simulator (needing specific CPU and Network config)
	State-of-the-art Hardware	Latest and greatest versions of what should become widely available computer hardware, required to meet particular requirements	Just released computer, that will probably become part of the NASA Standard, Environmental monitoring systems, Testers and Simulators.
Operating System	Common	Widely available computer operating system, with no special access rights required.	Windows, Mac OS, Linux, Windows XP, Windows Vista, Windows Server 2003, Mac OS, RedHat-SUSE Licensed support versions of Linux, Fedora Desktop Linux. Operating system defined in NASA Standard 2804.
	Common with unique configuration	Widely available computer operating system, with a special configuration required to perform the user's work	Solaris, Sun OS, AIX, VAX, VMS, OS2, MSDos, VMWare, OpenBSD
	Common with User System Access Required	Widely available computer operating system, with special user access rights required to perform the user's work	Development and Testing Reconfiguration (lab machines must match machines used in the MOC)
	Unique	One-of-a-kind or specialized computer operating system.	Legacy OS, Lynx OS, CheckPoint Firewall OS
Software	Common	Widely available computer software, with no special user access rights required.	Office, Eudora, PKI suite, SpySweeper RDP, FTP (on VMS and VAX) SSH, MKS, SQL SERVER, MySQL server, Oracle
	Common with User System Access Required	Widely available computer software, with special user access rights required to perform that user's work, including, but not limited to, the ability to install/uninstall and configure the software.	Software available from license server, MATLAB. Developers and testers require frequent update and new products - typically the products require source code builds - extensive installation.
	Discipline Specific	Specialized software with an established user base. Specialized software may include common software suite(s)	Assistive Software; Legacy Software, Environmental monitoring systems.
	Unique	One-of-a-kind or specialized computer software.	
Support Level	Common	Help Desk with support visits on an as-needed basis	
	Common with Unique Support	Help Desk for most support with unique software or application support provided direct from vendor	
	Co-located	Local System Administrator Support with established SLAs	
	Specialized System Administrator Support	Science Applications, Engineering Applications, Flight Project Applications and support for those particular applications and organizations; Support for Unique H/W, S/W & OS configurations.	
Return to Service (RTS) Levels	Common	RTS of end of next business day or less	
	Enhanced	RTS of 8 contiguous hours or less	
	Critical	RTS of 2 continuous hours or less	
Security	Low	Non-interoperable computer system.	
	Moderate	All computer systems, regardless of sources, must comply with the appropriate Security Plan	
	High	Computer system in a high security environment.	
Network Accessed Resources	Common	Widely available on-line resources with no special configuration requirements, such as printers, copiers, scanners, disk storage, servers, etc	
	Uncommon	Widely available on-line resources with special configuration requirements, such as printers, copiers, scanners, disk storage, servers, etc	
	Unique	One-of-a-kind or specialized network resources or network resources configuration	
Funding Profile	Steady-state	Funding available through-out life-cycle of user requirement	
	Variable	Funding available during project start-up and may not be available to support entire life-cycle of project; Funding provided via grants or studies that could have an up-front component and could experience gaps in funding	IMDC is funded by Studies
System Ownership	NASA - GFE On-site		
	NASA - GFE Off-site		
	Other Government Agency		
	Contractor Owned		
Physical Location	ODIN		
	Greenbelt and/or Wallops		
	Other NASA Center		
	TDY Users		
	Other (specify)		